Title (en)
COMMUNICATION METHOD AND APPARATUS

Title (de)
KOMMUNIKATIONSVERFAHREN UND -VORRICHTUNG

Title (fr)
PROCÉDÉ ET APPAREIL DE COMMUNICATION

Publication
EP 4013164 A4 20221005 (EN)

Application
EP 20854303 A 20200814

Priority
• CN 201910760366 A 20190816
• CN 2020109398 W 20200814

Abstract (en)
[origin: EP4013164A1] A communication method and an apparatus are provided, to implement inter-cell interference randomization. The method includes: generating a demodulation reference signal based on a first parameter, where the first parameter includes a radio frame number of a radio frame for sending the demodulation reference signal; and sending the demodulation reference signal and a first channel, where the first channel is for carrying uplink control information, and the demodulation reference signal is a reference signal for demodulating the first channel.

IPC 8 full level
H04L 27/26 (2006.01); **H04W 72/54** (2023.01); **H04J 11/00** (2006.01)

CPC (source: CN EP US)
H04J 11/005 (2013.01 - EP); **H04L 5/0048** (2013.01 - CN US); **H04L 5/0051** (2013.01 - EP); **H04L 5/0053** (2013.01 - CN EP);
H04L 27/0006 (2013.01 - US); **H04L 27/26025** (2021.01 - US); **H04L 27/2613** (2013.01 - EP); **H04L 27/2675** (2013.01 - US);
H04L 27/2691 (2013.01 - US); **H04W 72/0446** (2013.01 - CN); **H04W 72/541** (2023.01 - CN); H04L 5/0007 (2013.01 - EP);
H04L 5/0048 (2013.01 - EP); H04L 5/0062 (2013.01 - EP); H04L 5/0073 (2013.01 - EP); H04L 5/0082 (2013.01 - EP); H04L 5/0094 (2013.01 - EP);
H04L 5/1469 (2013.01 - EP); H04L 27/26025 (2021.01 - EP)

Citation (search report)
• [XI] WO 2018204630 A1 20181108 - INTEL IP CORP [US]
• [XI] US 2016057798 A1 20160225 - CHAE HYUKJIN [KR], et al

Citation (examination)
• WO 2019114710 A1 20190620 - ZTE CORP [CN] & US 2022029766 A1 20220127 - ZHANG SHUJUAN [CN], et al
• WO 2018049035 A1 20180315 - INTEL IP CORP [US], et al
• See also references of WO 2021032030A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 4013164 A1 20220615; **EP 4013164 A4 20221005**; CN 112399612 A 20210223; CN 112399612 B 20240109; JP 2022544332 A 20221017;
JP 7414960 B2 20240116; US 2022173953 A1 20220602; WO 2021032030 A1 20210225

DOCDB simple family (application)
EP 20854303 A 20200814; CN 201910760366 A 20190816; CN 2020109398 W 20200814; JP 2022509727 A 20200814;
US 202217673605 A 20220216